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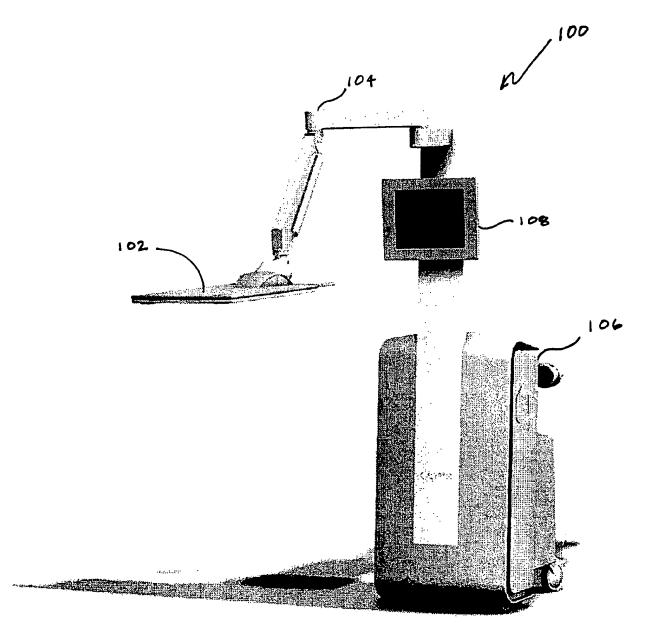
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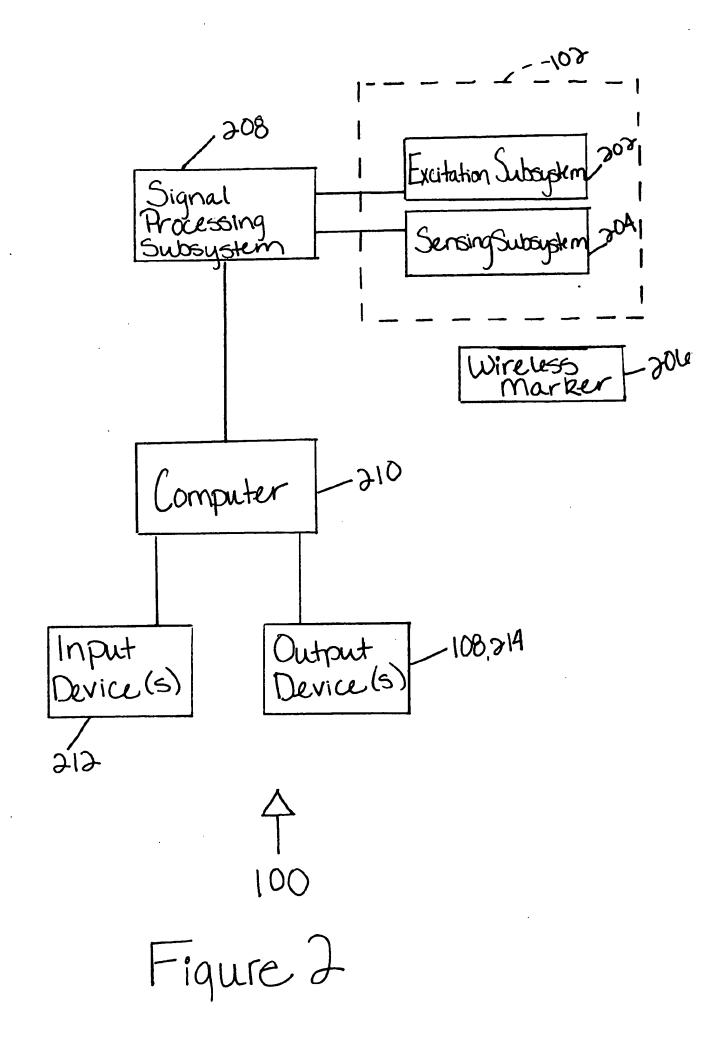
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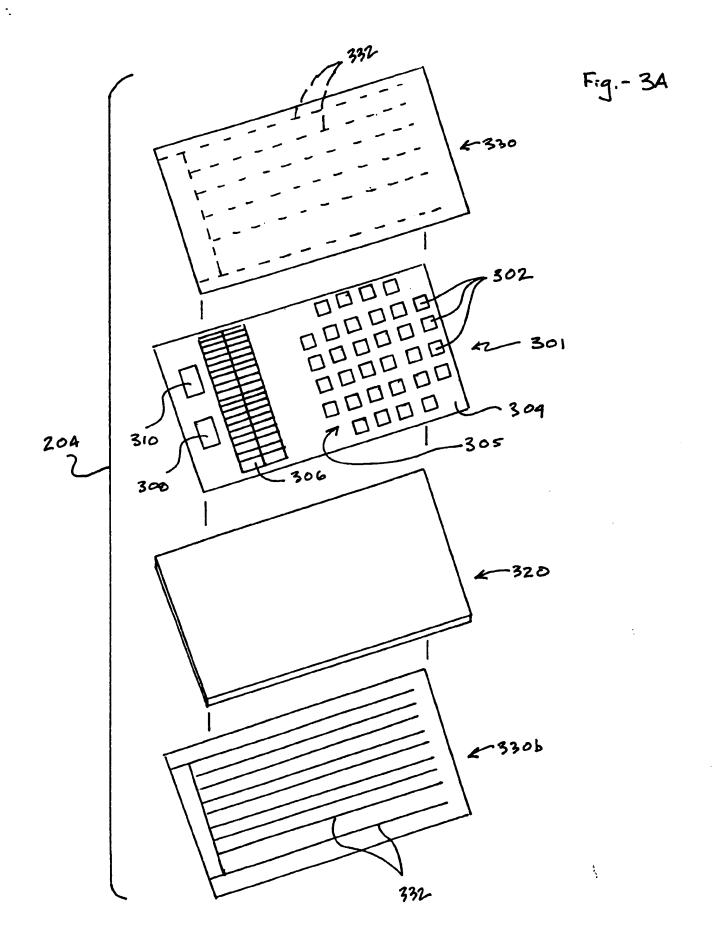
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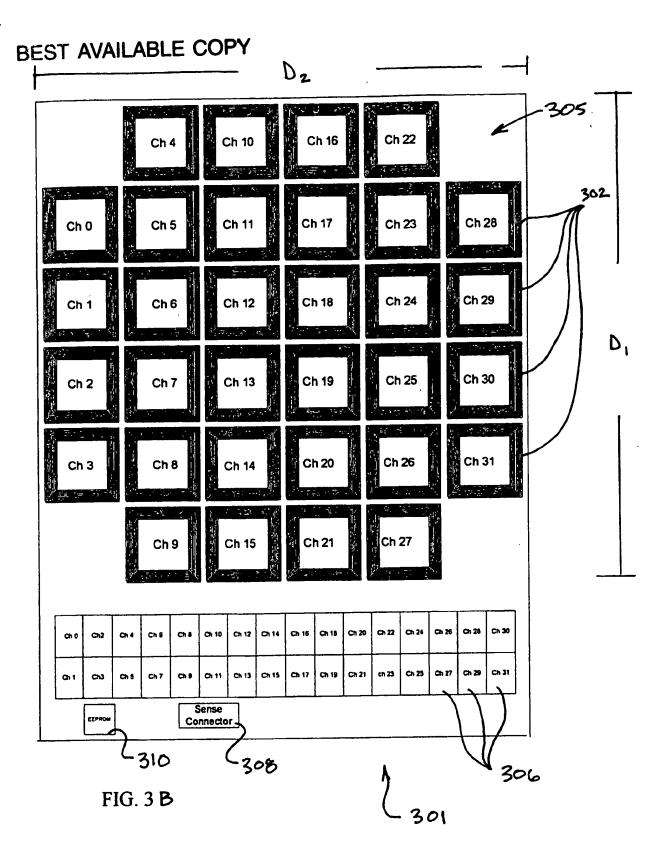
FIG. 1

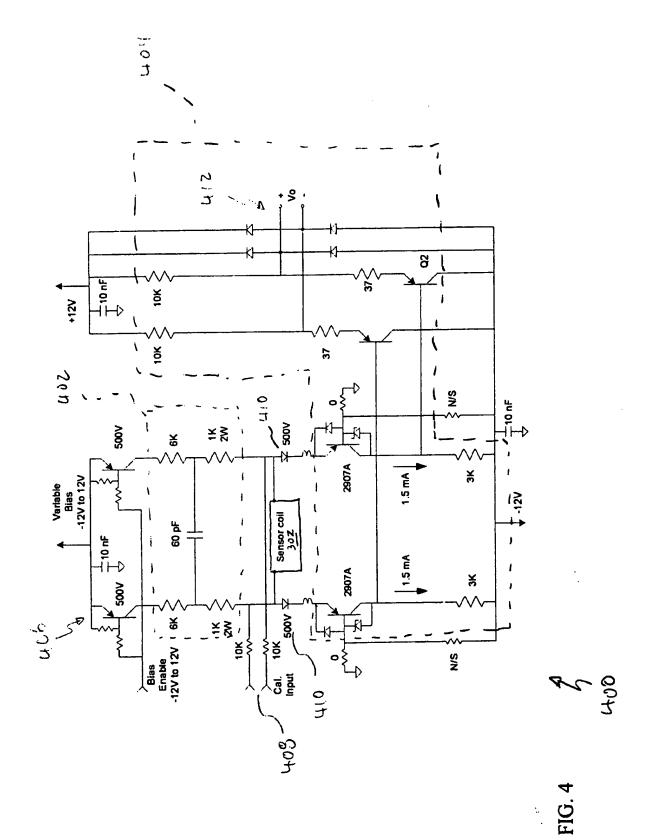
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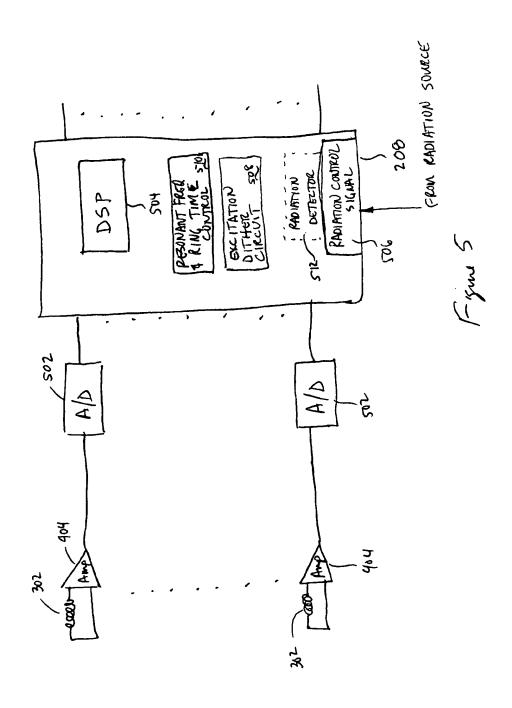


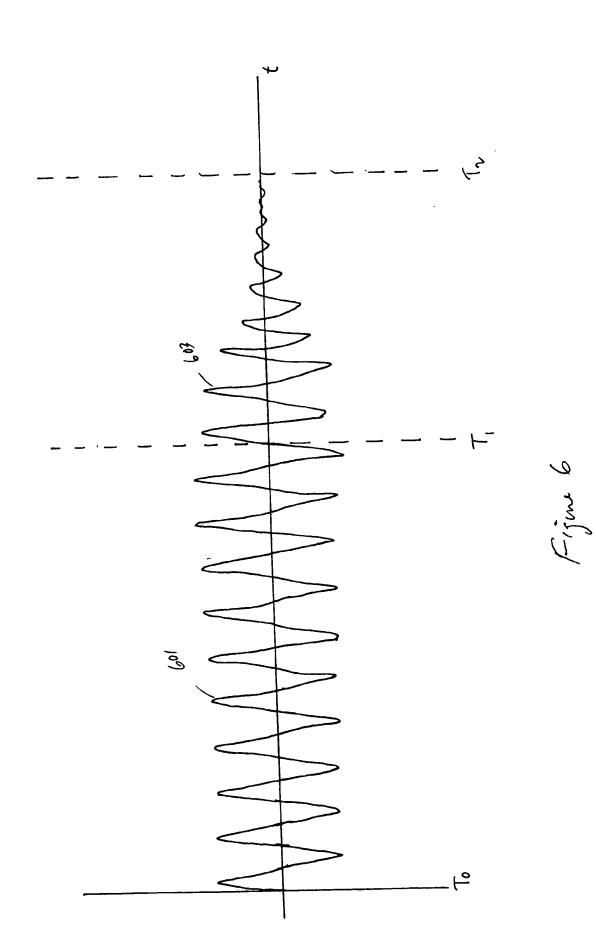












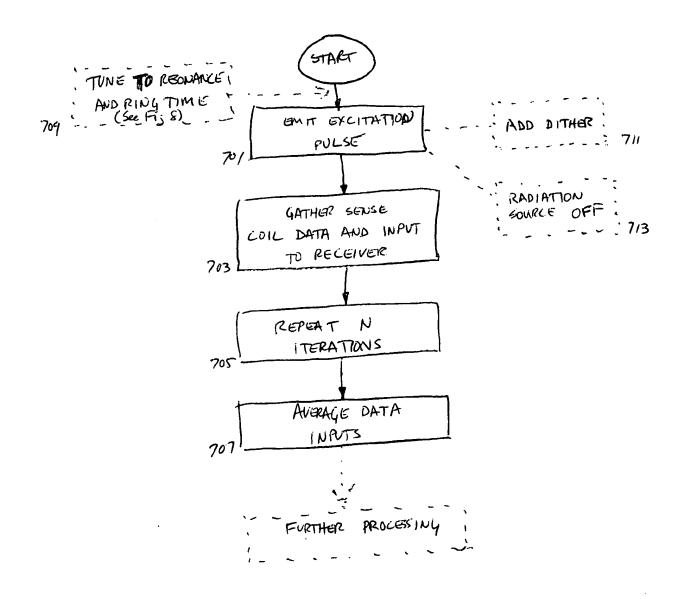


Figure 7

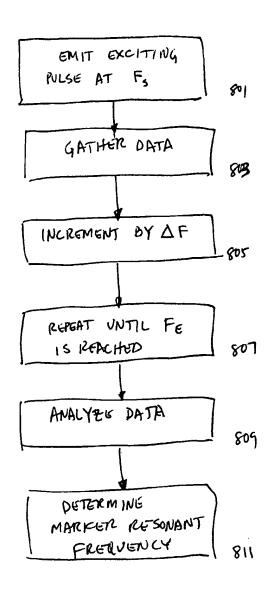


Figure 8

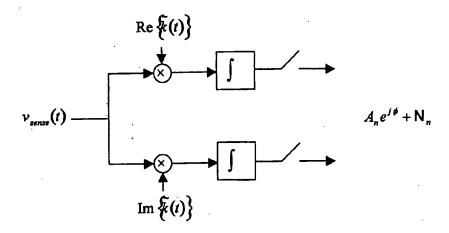
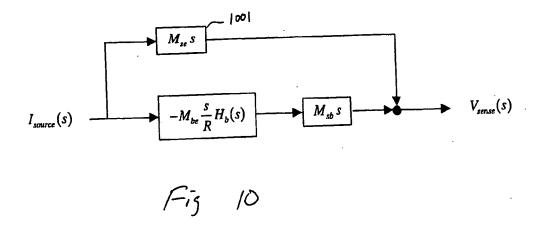
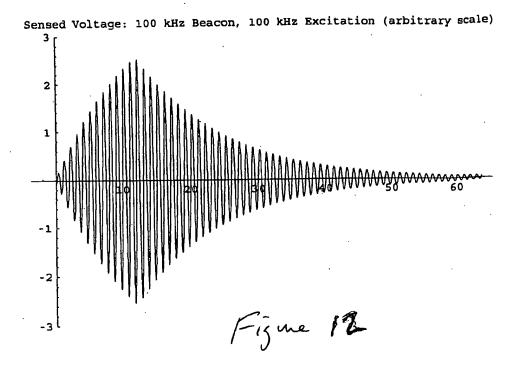


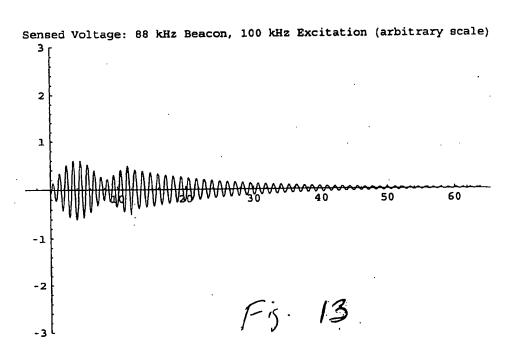
Fig 9

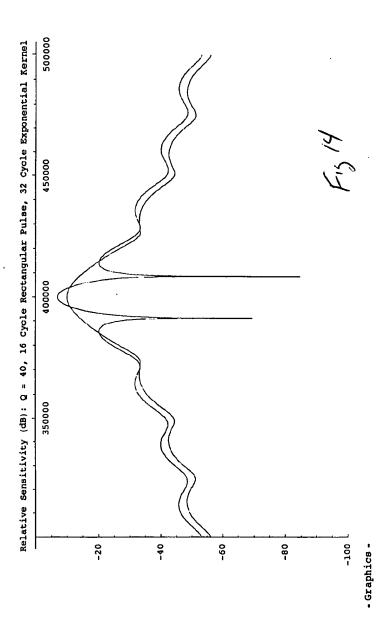


$$i_{source}(t)$$

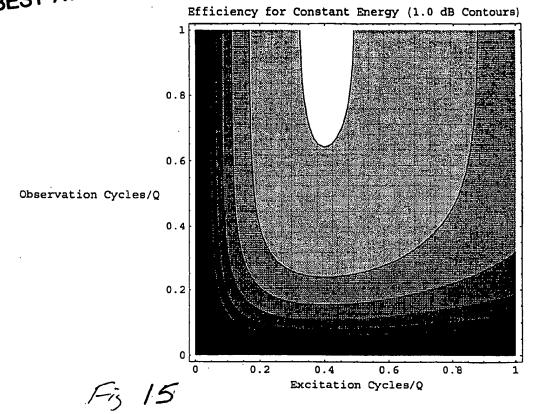
$$\frac{-M_{be}M_{sb}}{R}\frac{d^2}{dt^2}$$
 $v_{sense}(t)$

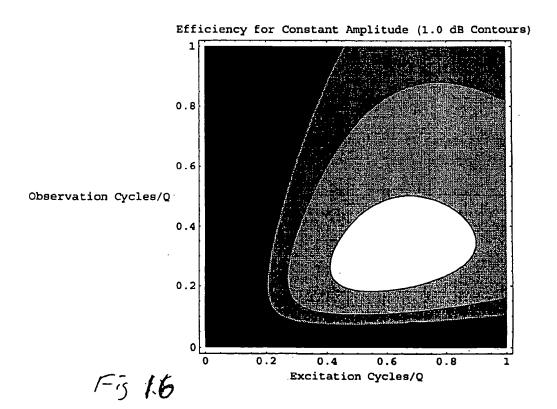




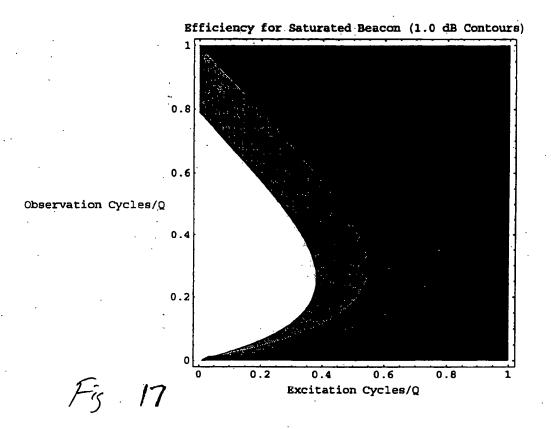


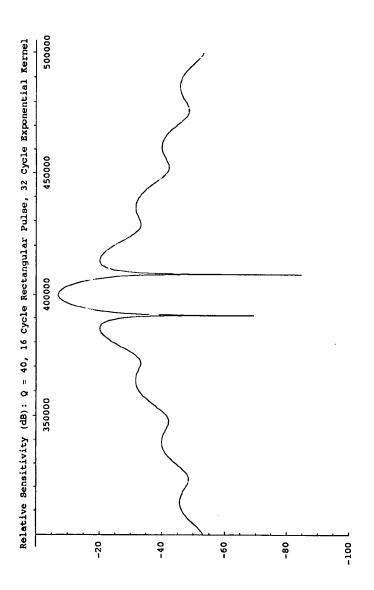
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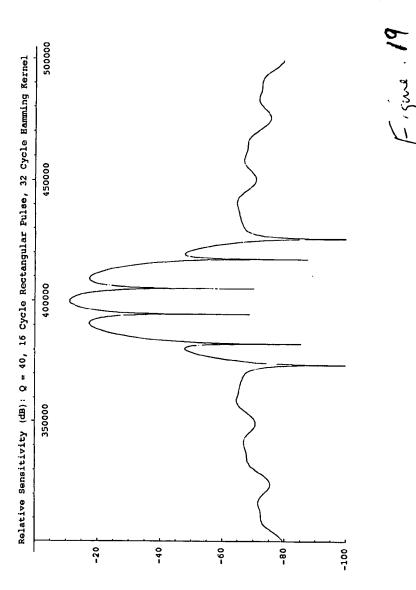


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1.3 100



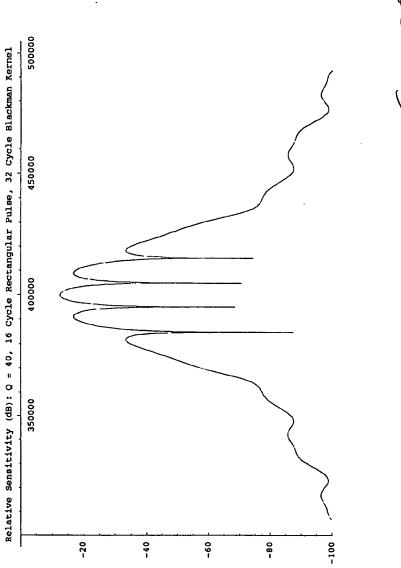


Figure. 30